

From: [Granger, Michelle](#)
To: [Oconnell, Kimberly](#)
Subject: RE: available for a call today?
Date: Thursday, February 15, 2018 10:22:10 AM
Attachments: [image001.gif](#)

Hi, Kim-
I accepted Theresa's invite for 10:30am. I'll be on call.
Thanks!
Michelle-

From: Oconnell, Kimberly
Sent: Thursday, February 15, 2018 8:56 AM
To: Granger, Michelle
Subject: FW: available for a call today?

Hi Michelle – are you available for this call today?

From: Hwilka, Theresa
Sent: Thursday, February 15, 2018 8:52 AM
To: Oconnell, Kimberly <OConnell.Kim@epa.gov>
Subject: RE: available for a call today?

Ok. I have not heard from Michelle. Paul G. is not free today but I think if everyone else is available today, we can still have it. Otherwise, I will aim for Tuesday. I will keep you posted.

Thanks.

From: Oconnell, Kimberly
Sent: Thursday, February 15, 2018 8:50 AM
To: Hwilka, Theresa <Hwilka.Theresa@epa.gov<<mailto:Hwilka.Theresa@epa.gov>>>
Subject: RE: available for a call today?

I have a nine thirty call now – should be done at 10:15. If you need to have this call with out me due to schedules – please go ahead.

From: Hwilka, Theresa
Sent: Thursday, February 15, 2018 8:09 AM
To: Hauber, Erin M NWK (Erin.M.Hauber@usace.army.mil<<mailto:Erin.M.Hauber@usace.army.mil>>)
<Erin.M.Hauber@usace.army.mil<<mailto:Erin.M.Hauber@usace.army.mil>>>
Cc: Granger, Michelle <Granger.Michelle@epa.gov<<mailto:Granger.Michelle@epa.gov>>>; Oconnell, Kimberly
<OConnell.Kim@epa.gov<<mailto:OConnell.Kim@epa.gov>>>
Subject: available for a call today?

Erin,

EPA/USACE has been reviewing the OU1 TCE O&M data and is planning on requesting an additional deep well near the source area, specifically near PVT13 which has high levels of TCE contamination as far down as 156 ft bgs. Below is the comment that we had on the PRP's O&M report. Before commenting back to the PRP and requesting this additional deep well, I understand that for OU3 they are looking to install some additional wells in the source area outside of the building. I thought it would be good to have a brief call to see if there is any potential to utilize the newly proposed OU3 well locations for our OU1 TCE purposes. Can you let me know if by chance you are available today before 2:30pm eastern or Tuesday, 2/20 before 3pm. Thanks.

OU1 TCE GWETS O&M Annual Report Comment from EPA/USACE

General: The groundwater model appears to be insufficiently calibrated and only predicts the horizontal and vertical capture zone based on the adequacy of the data that is input into the model. The karst geology also adds uncertainty to the modeling. Even with a well calibrated model, actual data are required to verify model predictions. To determine the depth of contamination exceeding 500 µg/L and the vertical influence of the extraction wells, a deeper monitoring well in the source area is required to delineate the depth of TCE contamination above the action level and assist in determining whether the GWETS is functioning properly to contain highly contaminated groundwater which may be detected deeper within the aquifer. It is currently unknown whether the existing extraction wells POHPT01 and POHPT03 would capture deeper contamination in the source area. POHPT01 is screened from 143 to 163 feet below ground surface and POHPT03 is screened from 130 to 155 feet below ground surface. Prior to startup, TCE concentration in each of these extraction wells exceeded 2000 µg/L. Monitoring well PVVTC13 located near the extraction wells is screened from 136 to 156 feet below ground surface, similar to the screen depths of the extraction wells. PVVTC13 is currently sampled as part of the MNA and GWETS performance sampling programs. Historical and current sampling data from PVVTC13 shows TCE contamination exceeding 2000 µg/L. Installation of a well in this area is also supported by NJDEP. The following comment was generated by Carole Chatelain during review of the MNA work plan: "Since the RI did not establish a decreasing vertical gradient at the most highly contaminated area of the groundwater plume (2,000 ug/l TCE at PVVTC13), and knowledge of the plume depth at this location will assist in evaluating the proper function of the P&T system, NJDEP recommends advancing a deeper well at this location to complete vertical delineation of groundwater contamination inside the TCE capture zone."

Theresa A. Hwilka
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